

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07039-386US1	Application No. 10/501,834
		Applicant Peter C. Harris et al.	
		Filing Date July 19, 2004	Group Art Unit

## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/AB/	AA	4,946,778	08/07/90	Ladner et al.			
↓	AB	5,451,683	09/19/95	Barrett et al.			
↓	AC	5,733,729	03/31/98	Lipshutz et al.			
↓	AD	5,770,722	06/23/98	Lockhart et al.			
/AB/	AE	6,071,717	06/06/00	Klinger et al.			

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## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
/AB/	AF	WO 98/20019	05/14/98	WIPO				
↓	AG	WO 99/57318	11/11/99	WIPO				
↓	AH	WO 01/75067	10/11/01	WIPO				
/AB/	AI	1 104 808	06/06/01	EPO				

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
/AB/	AJ	GenBank Accession No. BG431652 dated 3/12/01
↓	AK	Claros and von Heijne, "TopPred II: an improved software for membrane protein structure predictions," <i>Comput. Appl. Biosci.</i> , 1994, 10:685-686
↓	AL	Cole et al., "Polycystic kidney disease in the first year of life," <i>J. Pediatr.</i> , 1987, 111:693-699
↓	AM	Guay-Woodford, "Autosomal Recessive Polycystic Kidney Disease (ARPKD): New Insights from the Identification of the ARPKD Gene, PKHD1," <i>Pediatric Research</i> , 2002, 52(6):830-831
↓	AN	Hacia et al., "Detection of heterozygous mutations in <i>BRCA1</i> using high density oligonucleotide arrays and two-colour fluorescence analysis," <i>Nat. Genet.</i> , 1996, 14:441-447
↓	AO	Harris et al., "Rapid genetic analysis of families with polycystic kidney disease 1 by means of a microsatellite marker," <i>Lancet</i> , 1991, 338:1484-1487
↓	AP	Harris, "Molecular basis of polycystic kidney disease: <i>PKD1</i> , <i>PKD2</i> and <i>PKHD1</i> ," <i>Curr. Opin. Nephrol. Hypertens.</i> , 2002, 11:309-314
↓	AQ	Hofmann et al., "Genomic structure of the gene for the human P1 protein (MCM3) and its exclusion as a candidate for autosomal recessive polycystic kidney disease," <i>Eur. J. Hum. Genet.</i> , 2000, 8:163-166
↓	AR	Huse et al., "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> , 1989, 246:1275-1281
/AB/	AS	Kaplan et al., "Variable Expression of Autosomal Recessive Polycystic Kidney Disease and Congenital Hepatic Fibrosis Within a Family," <i>Am. J. Med. Genet.</i> , 1988, 29:639-647

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/AB/	AT	MacKay et al., "Glomerular epithelial, mesangial, and endothelial cell lines from transgenic mice," <u>Kidney Int.</u> , 1988, 33:677-684
	AU	Nagasawa et al., "Identification and Characterization of <i>Pkhd1</i> , the Mouse Orthologue of the Human ARPKD Gene," <u>J. Am. Soc. Nephrol.</u> , 2002, 13:2246-2258
	AV	Nielsen et al., "Identification of prokaryotic and eukaryotic signal peptides and prediction of their cleavage sites," <u>Protein Eng.</u> , 1997, 10(1):1-6
	AW	Onuchic et al., " <i>PKHD1</i> , the Polycystic Kidney and Hepatic Disease 1 Gene, Encodes a Novel Large Protein Containing Multiple Immunoglobulin-Like Plexin-Transcription-Factor Domains and Parallel Beta-Helix 1 Repeats," <u>Am. J. Hum. Genet.</u> , 2002, 70(5):1305-1317
	AX	Park et al., "A 1-Mb BAC/PAC-Based Physical Map of the Autosomal Recessive Polycystic Kidney Disease Gene ( <i>PKHD1</i> ) Region on Chromosome 6," <u>Genomics</u> , 1999, 57:249-255
	AY	Prince et al., "Robust and Accurate Single Nucleotide Polymorphism Genotyping by Dynamic Allele-Specific Hybridization (DASH): Design Criteria and Assay Validation," <u>Genome Res.</u> , 2001, 11(1):152-162
	AZ	Pritchard et al., "A human <i>PKD1</i> transgene generates functional polycystin-1 in mice and is associated with a cystic phenotype," <u>Hum. Mol. Genet.</u> , 2000, 9(18):2617-2627
	AAA	Rossetti et al., "A complete mutation screen of <i>PKHD1</i> in autosomal-recessive polycystic kidney disease (ARPKD) pedigrees," <u>Kidney Int.</u> , 2003, 64(2):391-403
	ABB	Rossetti et al., "Mutation analysis of the ARPKD gene," <u>J. Am. Soc. Nephrol.</u> , Abstract No. F-P0222
	ACC	Rost et al., "Topology prediction for helical transmembrane proteins at 86% accuracy," <u>Protein Sci.</u> , 1996, 5:1704-1718
	ADD	Roy et al., "Autosomal recessive polycystic kidney disease: long-term outcome of neonatal survivors," <u>Pediatr. Nephrol.</u> , 1997, 11:302-306
	AEE	Schafer and Hawkins, "DNA variation and the future of human genetics," <u>Nat. Biotechnol.</u> , 1998, 15:33-39
	AFF	Scott et al., "Refining the DFNB7-DFNB11 deafness locus using intragenic polymorphisms in a novel gene, <i>TMEM2</i> ," <u>Gene</u> , 2000, 246:265-274
	AGG	Sonnhammer et al., "A hidden Markov model for predicting transmembrane helices in protein sequences," <u>Proc. Sixth Int. Conf. on Intelligent Systems for Molecular Biology</u> , 1998, Glasgow et al. (eds.), AAAI Press
	AHH	Stoneking et al., "Population Variation of Human mtDNA Control Region Sequences Detected by Enzymatic Amplification and Sequence-specific Oligonucleotide Probes," <u>Am. J. Hum. Genet.</u> , 1991, 48:370-382
	AII	Tilgmann and Kalkkinen, "Purification and partial characterization of rat liver soluble Catechol-O-methyltransferase," <u>FEBS</u> , 1990, 264:95-99
	AJJ	Underhill et al., "Detection of Numerous Y Chromosome Biallelic Polymorphisms by Denaturing High-Performance Liquid Chromatography," <u>Genome Res.</u> , 1997, 7:996-1005
	AKK	Ward et al., "The gene mutated in autosomal recessive polycystic kidney disease encodes a large, receptor-like protein," <u>Nat. Genet.</u> , 2002, 30(3):259-269
✓	ALL	Xiao and Oefner, "Denaturing High-Performance Liquid Chromatography: A Review," <u>Hum. Mutat.</u> , 2001, 17:439-474
/AB/	AMM	Xiong et al., "A Novel Gene Encoding a TIG Multiple Domain Protein Is a Positional Candidate for Autosomal Recessive Polycystic Kidney Disease," <u>Genomics</u> , 2002, 80(1):96-104

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/AB/	ANN	Zerres et al., "Autosomal recessive polycystic kidney disease in 115 children: clinical presentation, course and influence of gender," <u>Acta Paediatr.</u> , 1996, 85:437-445
/AB/	AOO	Zerres et al., "Mapping of the gene for autosomal recessive polycystic kidney disease (ARPKD) to chromosome 6p21-cen," <u>Nat. Genet.</u> , 1994, 7:429-432

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